

LA-UR-21-28940

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Title: Photos to be used for the development of training materials.

Author(s): Herrera, Vincent

Intended for: Development of Training materials

Issued: 2021-09-10



Photos to be used for the development of training materials

This photo is going to be used in the development of training materials for LANL employee training.

Vincent Herrera

HR-ITS

lease print or type. (Form designe	ed for use on elite (12-pitch, repewriter)			0		For	n Annrover	1 OMB No	o. 2050-0039
	. Generator ID Number NH0890010515	2. Page 1 of 3	. Emergency Response 505-667-2	Phone 400	4. Manifest	Tracking N	umber		FLE
TRIAD on beha P.O. Box 1663 Los Alamos, N Generator's Phon 505658	Address ATTN: LORI SHELTON lf of US Department of E MS M879 M 87545 680	nergy	enerator's Site Address TRIAD on b Technical Los Alamos	ehalf Area 0	an mailing addres of US D 3. Techn	s) epart	ment	of En	ergy
	tal Services, Inc. (CA)				U.S. EPAID I	Number 1 000 62	24247		
7. Transporter 2 Company Name					U.S. EPAID N	lumber			
8. Designated Facility Name and S Perma-F1x 1940 NW 67th Gainesville, 3523736	Place FL 32653				U.S. EPAID	Number 98071	.1071		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(including Proper Shipping Name, Hazard Class, ID Numb	per,	t0. Contair		11. Total	12. Unit	13	. Waste Co	des
x 1 UN3321. W	ASTE RADIOACTIVE MATERIAL ACTIVITY (LSA-II), 7 (3) IDE, 1.07E-06 TBQ, FISSI	L, LOW , PU-239,	No. 1	Type DF	Quantity 5	Wt./Vol.	D001	F003	
Z	ASTE RADIOACTIVE WATERIA	I I.OW	ED 1	DF	14	K	0002	D004	D005
	ACTIVITY (LSA-II), 7 (8) M-241, PU-241, LIQUID OX TBQ, FISSILE-EXCEPTED						D006	DØØ7	D008
SPECIFIC PU-240. A	ASTE RADIOACTIVE MATERIA ACTIVITY (LSA-II), 7 (8), M-241, PU-241, LIQUID OX TBQ. FISSILE-EXCEPTED	L, LOW , PU-239, IDE,	1	DF	3	К	DØØ2 DØØ7		
4									
marked and labeled/placarde Exporter, I certify that the cor	1731, 162 2,3) & 3.0 WC	this consignment are according to applicab ched EPA Acknowled	le international and nati gment of Consent.	onal governm	ental regulations.				
Generator's/Offeror's Printed/Type		Signat					Mc	onth Da	y Year 19
16. International Shipments Transporter signature (for exports	Import to U.S.	Export from U.S	. Port of en Date leavi	try/exit:					
17. Transporter Acknowledgment of Transporter 1 Printed/Typed Name	•	Signati		40	/		Me	onth Da フィス	-
17. Transporter Acknowledgment of Transporter 1 Printed/Typed Name Transporter 2 Printed/Typed Name		Signat	ure		<u> </u>		Mo	onth Da	1.0
18. Discrepancy									
18a. Discrepancy Indication Space	Quantity Type		Residue Manifest Reference	Number	Partial Rej	ection		Full R	ejection
18b. Alternate Facility (or Generate	or)		monitual excite estate	- ranspot	U.S. EPAID N	lumber			
18b. Alternate Facility (or Generate Facility's Phone: 18c. Signature of Alternate Facility 19. Hazardous Waste Report Man. 1.	(or Generator)						M 1	lonth D	lay Year
19. Hazardous Waste Report Man	agement Method Codes (i.e., codes for hazardous waste t	treatment, disposal, a	nd recycling systems)						
	1061 4110	3.	1110		4.				
20. Designated Facility Owner or C Printed/Typed Name	Operator: Certification of receipt of hazardous materials co		except as noted in Iten	18a	11		M	onth Da	ay Year
PA Form 8700-22 (Rev. 3-05) Pro	evious editions are obsolete.		//Ce/	SNATED F	ACILITY TO	DESTINA	TION ST.	ATE (IF R	Z I Z

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

HWR #219350-073019-01

APPROVED BY OMB: NO. 3150-0164 EXPIRES: 12/31/2019

Estimated burden per response to comply with this information collection request. 45 minutes. This uniform manifest is requited by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the FOIA, Privacy and Information Collections Branch (T-5 F53). U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Information gov and to the Desk Officer Office of Information and Regulatory Affairs. NEOB-10202 (3150-0164). Office of Management and Budget. Washington, DC 20503. If a means used to impose an information collection does not display a currently valid QMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to the information collection.

RM 540	NUCLEAR REGUL	U.S. NUCLEAR REGULATORY COMMISSION	5 SHIPPER	5 SHIPPER - NAME AND FACILITY		SHIPPER LO NUMBER 107989	7 NRC FORM 540 AND 540A	540A PAGE 1 OF		B MANIFEST NUMBER	a maken cakeny
1027	SHIPPING PAPER	UNIFORM LOW-LEVEL RADIOACTIVE WAS IE MANIFES I SHIPPING PAPER	P.O. Box 1663, MS M87 Los Alamos, NM 87545	P.O. Box 1663, MS M879 P.O. Box 1663, MS M879 Los Alamos, NM 87545	I	COLLECTOR	NRC FORM 542 AND 542A ADDITIONAL INFORMATION	542A MATION	None PAGE(S)	pages)	CO ISS TATE
J. C.					-	GENERATOR TYPE	9 CONSIGNEE - Name and Facility Address	and Facility Address	2	CONTACT	
Instructions: See NUREG/BR-0204 for detailed instructions for completing this form http://www.nrc.gov/reading-mr/doc-collections/nuregs/brochures/br0204/	xions for completing this brochures/br0204/	form	USER PERMIT NUMBER	T NUMBER	SHIPMENT NUMBER	(Specify) G	1940 NW 67th Place	Ce REST		Shipping and Receiving TELEPHONE NUMBER (Include Area	Ceiving (Include Area Code)
1 EMERGENCY TELEPHONE NUMBER	(includ	(include Area Code)	CONTACT			TELEPHONE NUMBER	Gallesville, FL 32033	000	1	200 200	
505-667-2400	s	\$235.000	LORI SHELTON	LTON		505-500-7363	SIGNATURE - America	drized consumee acknowledging waste receipt	dging waste receipt	DATE	
ORGANIZATION EM&R			6 CARRIER - Name ar MP Environmental Ser 3400 Manor Street	6 CARRIER - Name and Address MP Environmental Services, Inc. (CA) 3400 Manor Street		EPAID NUMBER CATODO624247	M			5-0-1	19
2 IS THIS AN "EXCLUSIVE USE" SHIPMENT? P.	3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST	ω	Bakersheld,	CA 93308		T-30-19	10 CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.	rein-named materials a ransportation according	to CERTIFICATION re properly classified, de to the applicable regula	scribed, packaged, marked	d, and labeled, and Transportation
	<====>		CONTACT			TELEPHONE NUMBER	This also certifies that the r	naterials areclassified a	packaged, marked, and I arce with the applicable	labeled and are in proper of requirements of 10 CFR F	andition for and 20 and 61 or
NO YES	EPA MANIFEST NUMBER		Todd Johnson	son		(Include Area Code) 602-717-7163	equivalent state regulations		County and the state of the sta		
MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes" provide Manifest Number	006650192FLE		SIGNATURE	Jan Hall Many	edging waste receipt	7-3519	AU HORIZED SIGNATURE	neltm	Ramo.	poedinator	7-30-A
 U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name hazard class. UN ID number, and any additional information) 	JESCRIPTION	12 DOT LABEL "RADIOACTIVE"	TRANSPORT INDEX	14 PHYSICAL AND CHEMICAL FORM		INDIVIDUAL RADIONUCLIDES	° <	16 TOTAL PACKAGE ACTIVITY (MBq)	LSA/SCO CLASS	OR VOLUME (Use appropriate units)	NUMBER OF PACKAGE
Waste, UN 3321, Radioactive material, low specific activity (LSA-II), 7 (8), Fissile-Excepted		NA	N	LIQUID OXIDE	Am-241 Cs-13 Pu-242 Sr-90	Cs-137 Pu-238 Pu-239 Sr-90 U-234 U-235	Pu-240 Pu-241 U-238	6.0455E+00	LSA-II	3.2659 KGS; 0.0189 M3	W728730
Waste, UN 3321, Radioactive material, low specific activity (LSA-II), 7 (8), Fissile-Excepted		NA	NA	LIQUID OXIDE	Am-241 Cs-13 Pu-242 Sr-90	Cs-137 Pu-238 Pu-239 Sr-90 U-234 U-235	Pu-240 Pu-241 U-238	5.6726E+01	LSA-II	14.0614 KGS; 0.053 M3	W728731
Waste, UN 3321, Radioactive material, low specific activity (LSA-II), 7 (3), Fissile-Excepted		NA	NA	LIQUID OXIDE	Pu-239 U-:	U-235 U-238		1.0707E+00	LSA-II	4.763 KGS; 0.019 M3	W849537
FOR CONSIGNEE USE ONLY											

NRC FORM 540 (5-2016)

HUR# 219350 -073019-01

OMB No. 2050-0039 3 D008 Energy D011 Full Rejection GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, are desssified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) of (b) (ifI am a small quantity generator) is true. Ш 13. Waste Codes **poo7 po10** 2841h οf 4. Manifest Tracking Number 01390598 ∞ D004 of US Department 35 87545 6000 UTD982598898 CAT000624247 12. Unit Wt./Vol. EnergySolutions Shipment# 9707-03-0012 Exclusive Use Shipment U.S. EPA ID Number U.S. EPA ID Number 24 U.S. EPA ID Num Shipment E 11. Total Quantity Shelt N TRIAD on behalf Technical Area 3 Los Alamos, NM 8 3. Emergency Kespanac. 505-667-2400 Manifest Reference Number Port of entry/exit: Date leaving U.S.: Generator's Site Address (if differ PF and recycling systems) 300 흔용 \leftarrow LOW disposal, Export fra Energy ĝ UN3321, WASTE RADIOACTIVE MATERIAL, LOSPECIFIC ACTIVITY (LSA-II), 7, U-234, OXIDE, 2.34E-08 TBG, FISSILE-EXCEPTED ne, Hazard Class, ID Number, 5. Generator's Name and Mailing Address ATTN: LORI SHELTON
TRIAD on behalf of US Department of Er
P.O. Box 1663, NS M874
Los Alamos, NH 87545
Generator's Prografic Sage Barriers of Fransporter 1 Company Name
6. Transporter 1 Company Name
NP Environmental Services, Inc. (CA) Type (CA) codes for hazardous NH0890010515 9b. U.S. DOT Description (including Proper Shipping Nar and Packing Group (if any)) ent Method Codes (i.e., I Import to U.S. Quantity Energy Solutions LLC Interstate 80, Exit 49 Clive, UT 84029 Facility Phone: 4358840155 ansporter signature (for exports only): Transporter Acknowledgment of Receipt of Materi ansporter 1 Printed/Typed Name WHITE W850027, r's/Offeror's Printed/Typed Na LORI SHELTON Hazardous Waste Report Manag 18b. Alternate Facility (or Generator) Discrepancy Indication Space Transporter 2 Company Name UNIFORM HAZARDOUS WASTE MANIFEST MAC Vinted/Typed Facility's Phone: 18c. Signature of Alterr 48985, 16. International 18. Discrepancy 83. . ₹ --TRANSPORTER INT'L **DESIGNATED FACILITY GENERATOR**

FORM 540 EnergySolutions, LLC UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST			5. SHIPPER NAME AND FACILITY TRIAD on behalf of US Department of Energy P.O. Box 1663, MS M874 Los Alamos, NM 87545				109991 COLLE	SHIPPER I.D. NUMBER 109991 COLLECTOR PROCESSOR		FORM 540 AND 540A FORM 541 AND 541A FORM 542 AND 542A ADDITIONAL INFORM.		DF 1 PAGE(S) 1 PAGE(S) None PAGE(S) None PAGE(S)	(Use this number on all continuation pages)	
1. EMERGENCY TELEPHONE NUMBE 505-667-2400	IG PAPER ER (Include Area Co	ode)	Utah Generat 10050057 CONTACT	tor Site Access Permit No.	SHIPMEN ¹	TNUMBER	GENERATOR TYPE (Specify) G TELEPHONE NUMBER (Include Area Code)			CONSIGNEE - Name a nergy Solutions L terstate 80, Exit 4 ive, UT 84029	TC MIL	TELEPHONE	Shipping & Receiving	
ORGANIZATION EM&R			LORI SHE	ELTON Name and Address			505-500-73	363		GNATURE - Authorize	g consignee acknowle	edging waste receipt	801-649-2190 DATE	
2. IS THIS AN "EXCLUSIVE USE" SHIPMENT? YES NO	3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST	1		mental Services, Inc. (CA) Street			CAT00062	4247	This i	is to certify that the here	ein-named materials a	10. CERTIFICATION re properly classified, o	described, packaged, marke	ed, and labeled and
4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT?	EPA MANIFEST NUMBER		CONTACT Todd John	A ne	⊯ ledging was	ste receipt	TELEPHONE (Include Area Code) 602-717-7163 DATE		This a transp state	also certifies that the ma	aterials are classified, as described in accord	nd labeled and are in proper	ations of the Department of Transportation. It labeled and are in proper condition for ents of 10 CFR Parts 20 and 61, or equivalent	
If "Yes," provide Manifest Number ====>			/>	Mas Millian	3	310 / 000.pt	1-11.21			Lou Sh	elton	TROND,	Coordinater	1-11-21
11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information) 12. DOT LABEL "RADIOACTIVE"		TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM			15. INDIVIDUAL RADIONUCLIDES			TOTAL PACKAGE ACTIVITY MBq TOTAL PACKAGE ACTIVITY CLASS		1	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE	
UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, FISSILE-EXCEPTED		NA	NA	Solid Oxide	ļ	U-234	U-235	U-236 U-	:38	2.3380E-02	6.3189E-04	LSA-II	2.495 KGS; 0.019 M3	W860027
											13			
							and the second							
FOR CONSIGNEE USE ONLY	c	Record Waste Descriptio Contamination or Leakag Jnexpected Exposure Ra Labels, Markings, etc. Ina	ge Detected ates Detecte adequate	ed B.	HAZARDOI hazardous certification TITLE: Upo representat WASTE MA	OUS MATERI waste, this s as required on acceptan tions herein:	shipment is als by 40 CFR 26 ce at the dispo shall thereupo senerator repre	to accompanied b 58.1. osal site by Energ n transfer from G esents and warrar	y a separ ySolution enerator its that al	ns, LLC, and all appropr and be vested in Energ	ardous waste manifes iate regulatory authori ySolutions, LLC JNIFORM LOW-LEVE	st, along with the appro ities, title to the Waste	ed in 40 CFR 261. Where the operate land-disposal restrict Material which conforms to STE MANIFEST) are true a	ion notice and/or Generator's
		Container Integrity Inade Other No Violations Detected o		D.	INDEMNIFI results from	ICATION: G	Generator agree of the Waste N	es to indemnify E Naterial to conforr	nergySol n in all m		employees and agen lata supplied on the (L	ts against all losses ar JNIFORM LOW-LEVEI	nd liability whatsoever if suc L RADIOACTIVE WASTE M on over such matters.	

















